

ABSTRACT

A quantity totalizer for a three-dimensional arrangement and adjustment CAD includes integrating means for referring to parts information stored in the three-dimensional arrangement and adjustment CAD and associating line information, which is separated from the parts information for storage and which is unique to a line, with the parts information to generate integrated information in which the quantity of parts is totalized; numbering means for systematically numbering the integrated information and outputting a quantity totalization result; and comparing means for comparing the quantity totalization result output by the numbering means with a parts number column in a design drawing produced with the three-dimensional arrangement and adjustment CAD to check the parts having the same parts information and line information against each other and replacing parts numbers in the parts number column in the design drawing produced with the three-dimensional arrangement and adjustment CAD with parts numbers in the quantity totalization result output by the numbering means. With the above structure, it is possible to provide the quantity totalizer, a quantity totalizing program, and the quantity totalizing method for the three-dimensional arrangement and adjustment CAD, which are capable of improving the efficiency of the quantity totalization in the design with the three-dimensional arrangement and adjustment CAD and performing accurate parts management and design management while reducing the design cost.